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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sugiura et al.

Attorney Docket No.:  
OMRNP076/D762US

Patent: 6,975,084 B2

Issued: December 13, 2005

Title: POWER WINDOW CONTROLLER



**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 19, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION  
OF OFFICE MISTAKE  
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Certificate of Correction

**Certificate  
JAN 25 2006  
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

**TITLE PAGE:**

1. In section (75) Inventors, change "Toshihiko Sugiura" to --Tokihiko Sugiura--. This appears correctly in the patent application as filed on February 10, 2004 on page 1, line 2.

JAN 26 2006

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. OMRNP076).

Respectfully submitted,  
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JAN 26 2006



## POWER WINDOW CONTROLLER

Inventors: Tokihiko Sugiura  
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Tomoaki Tanaka

### Background of the Invention

This invention relates to a controller for a mobile structure such as a power window of an automobile that can be opened and closed and more particularly to such a controller that can reliably prevent such a structure from operating erroneously when, for example, the automobile has fallen into a body of water and the controller is in an underwater condition.

In general, power window systems for an automobile are electronically controlled and provided with a function of automatically reversing the window motion for preventing an object such as a person's head from becoming caught by the closing window. Control units of the type adapted to control the source power supplied to a motor serving as the actuator of a window to control its motion are commonly each provided to a seat of the automobile, each comprising a motor-driving circuit with relays for rotating the motor in two directions and a control circuit including a microcomputer for controlling these relays in response to the user's switch operations. A function for making communications among the control units may be provided such that a specified one of the control units at one of the seats such as the driver seat can control the opening and closing of all of the windows including the windows at the other seats. In other words, communication lines may connect the control units for different windows such that the driver may be able to operate a knob on his/her controller unit on the elbow rest on the door on his/her side such that signals can be transmitted to the other control units to open and close windows corresponding to the other seats such as the passenger seat or a back seat. Such control units are sometimes called an operation unit because operation switches to be operated by the user are usually integrally incorporated.

From the point of view of safety, it is important for such power window systems to function reliably even when the automobile has sunk into a body of water such that the system will not operate incorrectly because of a leak current due to the presence of water

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(Also Form PT-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,975,084 B2

DATED : December 13, 2005

INVENTOR(S) : Sugiura et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

**In the Title Page:**

In section (75) Inventors, change "Toshihiko Sugiura" to --Tokihiko Sugiura--.

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PATENT NO. 6,975,084 B2

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JAN 26 2006